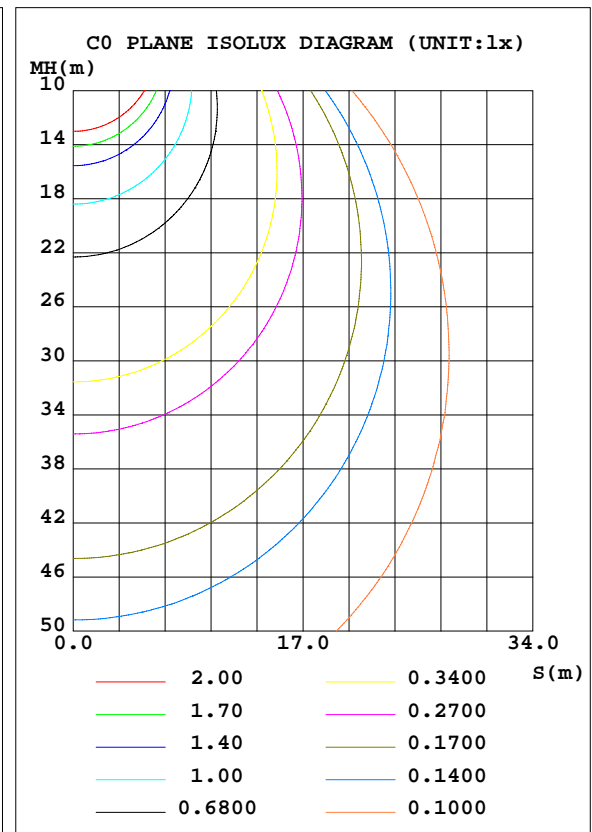
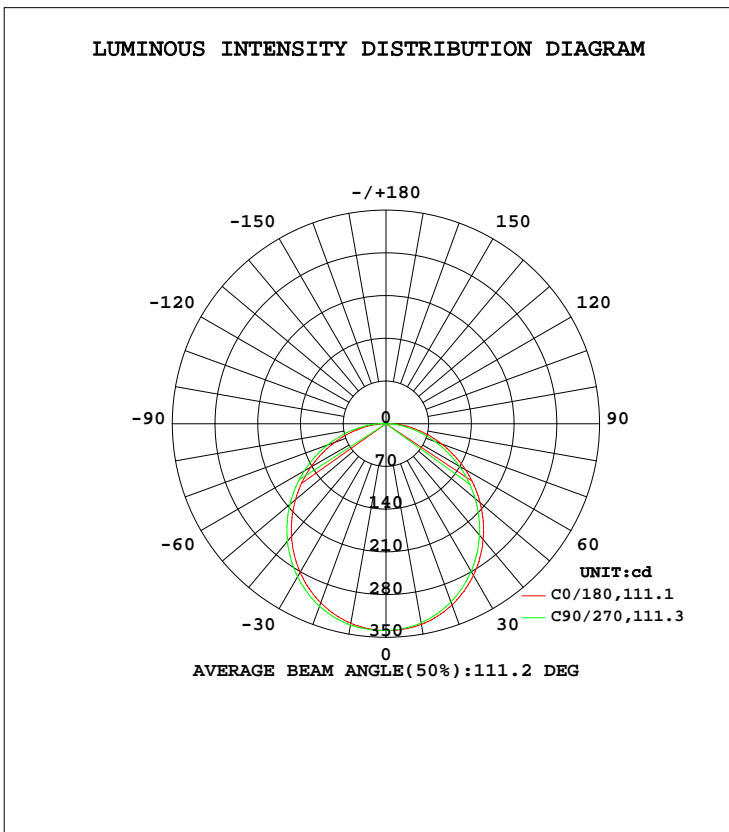


LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:119.9V I:0.1482A P:17.63W PF:0.9918 Lamp Flux:974.365x1 lm		
NAME:1RP83LED	TYPE:N/A	WEIGHT:N/A
SPEC.:N/A	DIM.: N/A	SERIAL No.:N/A
MFR.:	SUR.:N/A	Shielding Angle:N/A

DATA OF LAMP		PHOTOMETRIC DATA Eff: 55.27 lm/W			
MODEL	1RP83LED	Imax(cd)	339.1	S/MH(C0/180)	1.26
NOMINAL POWER(W)	17	LOR(%)	100.0	S/MH(C90/270)	1.23
RATED VOLTAGE(V)	120	TOTAL FLUX(lm)	974.36	η UP, DN(C0-180)	0.3,50.9
NOMINAL FLUX(lm)	974.365	CIE CLASS	DIRECT	η UP, DN(C180-360)	0.1,48.7
LAMPS INSIDE	1	η up(%)	0.4	CIBSE SHR NOM	1.25
TEST VOLTAGE(V)	120	η down(%)	99.6	CIBSE SHR MAX	1.35



C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: 10.0deg/s
 Temperature:25.2DEG
 Operators:ben
 Test Date:2018-01-29

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.351
 Humidity:45%
 Test Distance:2.451m [K=1.0000]
 Remarks:

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum,lamp
10	331.9	333.6	334.8	334.3	333.7	332.1	331.0	331.3	0- 10	32.05	32.05	3.29,3.29
20	312.2	315.5	318.1	317.9	315.9	312.5	310.7	311.4	10- 20	91.71	123.8	12.7,12.7
30	281.1	285.8	289.5	289.4	286.4	281.6	279.0	279.5	20- 30	138.4	262.2	26.9,26.9
40	240.6	246.2	251.3	251.3	247.6	241.3	238.3	238.8	30- 40	165.9	428.1	43.9,43.9
50	193.6	199.6	205.4	205.6	201.3	194.3	190.7	191.3	40- 50	171.1	599.2	61.5,61.5
60	142.1	148.8	154.6	154.7	150.3	143.0	139.0	139.6	50- 60	154.2	753.4	77.3,77.3
70	89.49	96.57	102.0	101.7	97.04	89.87	85.52	85.94	60- 70	118.6	871.9	89.5,89.5
80	39.94	46.56	51.38	51.00	47.59	41.05	36.66	37.00	70- 80	72.02	943.9	96.9,96.9
90	6.905	10.38	12.58	12.26	11.00	7.662	5.406	5.393	80- 90	26.48	970.4	99.6,99.6
100	0.0950	0.1942	0.1854	0.0918	0.0564	0.0596	0.0523	0.0525	90-100	2.976	973.4	99.9,99.9
110	0.1133	0.1071	0.1040	0.1048	0.0729	0.0788	0.0843	0.0838	100-110	0.0885	973.5	99.9,99.9
120	0.1290	0.1230	0.1203	0.1213	0.1110	0.1183	0.1244	0.1238	110-120	0.1061	973.6	99.9,99.9
130	0.1728	0.1673	0.1652	0.1665	0.1523	0.1586	0.1641	0.1640	120-130	0.1261	973.7	99.9,99.9
140	0.2611	0.2547	0.2530	0.2548	0.1964	0.2020	0.2060	0.2066	130-140	0.1497	973.9	99.9,99.9
150	0.4062	0.4009	0.4013	0.4030	0.2400	0.2435	0.2467	0.2467	140-150	0.1727	974.0	100,100
160	0.5112	0.5086	0.5085	0.5104	0.2922	0.2936	0.2952	0.2966	150-160	0.1686	974.2	100,100
170	0.4830	0.4825	0.4834	0.4841	0.3202	0.3225	0.3212	0.3218	160-170	0.1155	974.3	100,100
180	0.4102	0.4129	0.4122	0.4138	0.4128	0.4143	0.4153	0.4128	170-180	0.0387	974.4	100,100
DEG	LUMINOUS INTENSITY:cd Less than 25% Percent = 9.4 %									UNIT:lm		

Conical surface Flux(90deg): 514.43 lm

%lum = 52.8%
 %lamp = 52.8%

Conical surface Flux(120deg): 753.35 lm

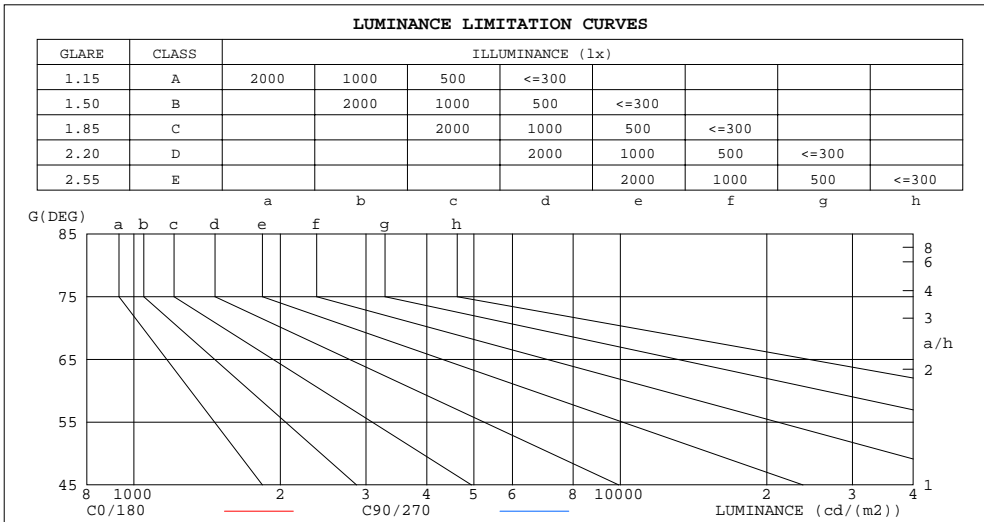
%lum = 77.3%
 %lamp = 77.3%

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: 10.0deg/s
 Temperature:25.2DEG
 Operators:ben
 Test Date:2018-01-29

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.351
 Humidity:45%
 Test Distance:2.451m [K=1.0000]
 Remarks:

LUMINANCE LIMITATION CURVES

Test:U:119.9V I:0.1482A P:17.63W PF:0.9918 Lamp Flux:974.365x1 lm		
NAME: 1RP83LED	TYPE:N/A	WEIGHT:N/A
SPEC.:N/A	DIM.: N/A	SERIAL No.:N/A
MFR.:	SUR.:N/A	Shielding Angle:N/A



LUMINANCE cd/(m2)		
G(DEG)	C0/180	C90/270
85	2306884	3334875
80	2299403	2957628
75	2478093	2939294
70	2615512	2980431
65	2738115	3034534
60	2840489	3090437
55	2930119	3144649
50	3010539	3194479
45	3077973	3238634

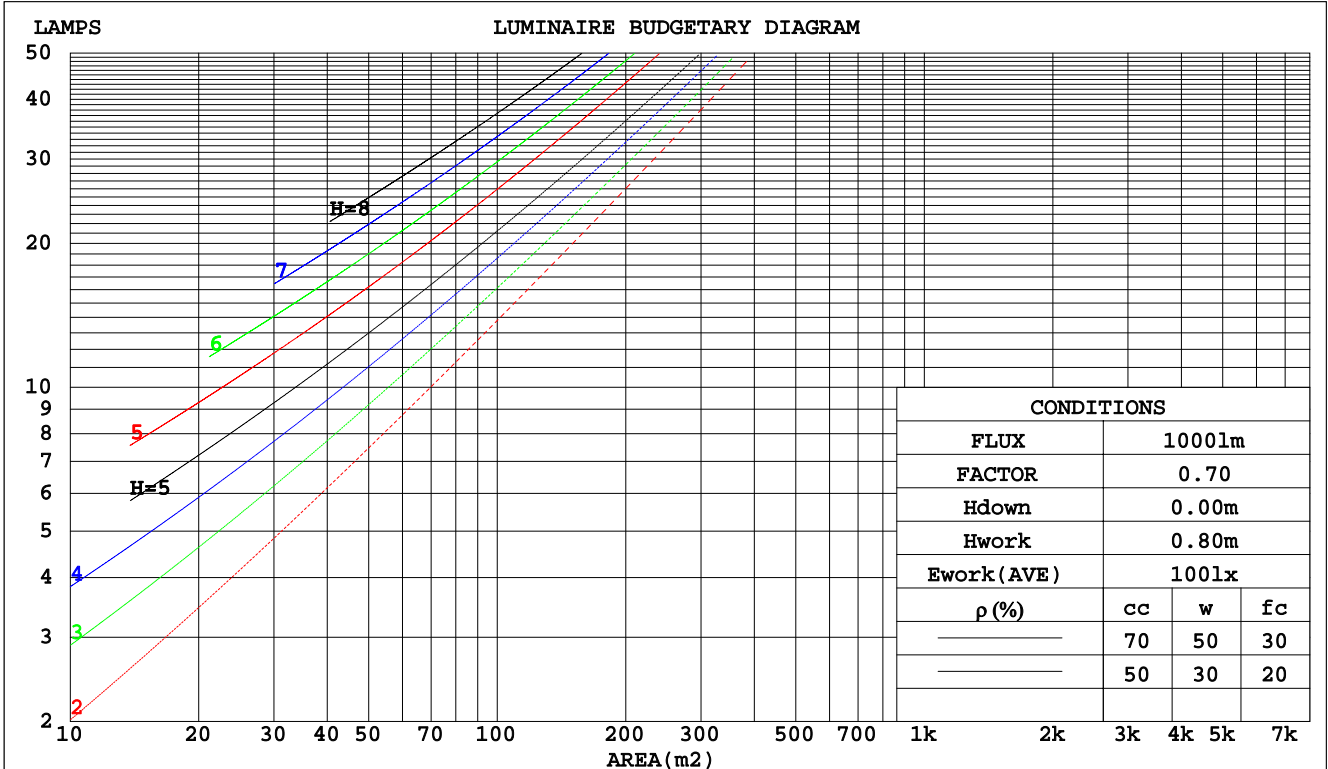
C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: 10.0deg/s
 Temperature:25.2DEG
 Operators:ben
 Test Date:2018-01-29

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.351
 Humidity:45%
 Test Distance:2.451m [K=1.0000]
 Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:119.9V I:0.1482A P:17.63W PF:0.9918 Lamp Flux:974.365x1 lm		
NAME: 1RP83LED	TYPE:N/A	WEIGHT:N/A
SPEC.:N/A	DIM.: N/A	SERIAL No.:N/A
MFR.:	SUR.:N/A	Shielding Angle:N/A

pcc	80%			70%			50%			30%			10%			0
	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
pw																0
pfc	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio															
	Coefficients of Utilization(CU)															
0.0	1.19	1.19	1.19	1.16	1.16	1.16	1.11	1.11	1.11	1.06	1.06	1.06	1.02	1.02	1.02	.00
1.0	1.03	.99	.95	1.01	.97	.93	.97	.93	.90	.93	.90	.87	.89	.87	.85	.82
2.0	.90	.83	.77	.88	.81	.76	.84	.79	.74	.81	.76	.72	.78	.74	.71	.68
3.0	.79	.70	.64	.77	.69	.63	.74	.67	.62	.71	.66	.61	.69	.64	.60	.57
4.0	.70	.61	.54	.68	.60	.54	.66	.59	.53	.63	.57	.52	.61	.56	.51	.49
5.0	.62	.53	.46	.61	.53	.46	.59	.51	.46	.57	.50	.45	.55	.49	.45	.42
6.0	.56	.47	.40	.55	.47	.40	.53	.46	.40	.51	.45	.39	.50	.44	.39	.37
7.0	.51	.42	.36	.50	.42	.36	.48	.41	.35	.47	.40	.35	.45	.39	.35	.33
8.0	.46	.38	.32	.46	.37	.32	.44	.37	.32	.43	.36	.31	.42	.36	.31	.29
9.0	.43	.34	.29	.42	.34	.29	.41	.33	.28	.40	.33	.28	.39	.32	.28	.26
10.0	.39	.31	.26	.39	.31	.26	.38	.31	.26	.37	.30	.26	.36	.30	.25	.24



C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: 10.0deg/s
 Temperature:25.2DEG
 Operators:ben
 Test Date:2018-01-29

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.351
 Humidity:45%
 Test Distance:2.451m [K=1.0000]
 Remarks:

WEC AND CCEC

Test:U:119.9V I:0.1482A P:17.63W PF:0.9918 Lamp Flux:974.365x1 lm					
NAME: 1RP83LED			TYPE:N/A		WEIGHT:N/A
SPEC.:N/A			DIM.: N/A		SERIAL No.:N/A
MFR.:			SUR.:N/A		Shielding Angle:N/A

ρcc	80%			70%			50%			30%			10%			0
ρw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
ρfc	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Wall Exitance Coefficients(WEC)									
0.0																
1.0	.320	.182	.058	.313	.178	.057	.299	.172	.055	.287	.165	.053	.275	.159	.051	
2.0	.297	.163	.050	.291	.160	.049	.279	.155	.048	.268	.150	.047	.258	.146	.046	
3.0	.273	.145	.044	.268	.143	.043	.257	.139	.042	.247	.136	.042	.238	.132	.041	
4.0	.251	.131	.038	.246	.129	.038	.237	.126	.038	.228	.123	.037	.220	.120	.036	
5.0	.232	.118	.034	.227	.117	.034	.219	.114	.034	.211	.112	.033	.204	.109	.033	
6.0	.215	.108	.031	.211	.106	.031	.203	.104	.030	.196	.102	.030	.190	.100	.030	
7.0	.200	.099	.028	.196	.098	.028	.189	.096	.028	.183	.094	.027	.177	.092	.027	
8.0	.186	.091	.026	.183	.090	.025	.177	.089	.025	.172	.087	.025	.166	.085	.025	
9.0	.174	.084	.024	.172	.084	.023	.166	.082	.023	.161	.081	.023	.157	.080	.023	
10.0	.164	.079	.022	.161	.078	.022	.157	.077	.022	.152	.076	.021	.148	.074	.021	

ρcc	80%			70%			50%			30%			10%			0
ρw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
ρfc	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Ceiling Cavity Exitance Coefficients(CCEC)									
0.0	.194	.194	.194	.165	.165	.165	.113	.113	.113	.065	.065	.065	.021	.021	.021	
1.0	.184	.159	.137	.158	.137	.118	.108	.094	.081	.062	.054	.047	.020	.018	.015	
2.0	.176	.135	.100	.151	.116	.087	.103	.080	.061	.060	.047	.036	.019	.015	.012	
3.0	.168	.117	.077	.144	.101	.067	.099	.070	.047	.057	.041	.028	.018	.013	.009	
4.0	.161	.104	.061	.138	.090	.053	.095	.063	.037	.055	.037	.022	.018	.012	.007	
5.0	.153	.094	.050	.131	.081	.044	.091	.057	.031	.052	.033	.018	.017	.011	.006	
6.0	.146	.085	.042	.125	.074	.037	.086	.052	.026	.050	.030	.015	.016	.010	.005	
7.0	.139	.079	.036	.119	.068	.032	.083	.048	.022	.048	.028	.013	.015	.009	.004	
8.0	.132	.073	.032	.114	.063	.028	.079	.044	.020	.046	.026	.012	.015	.009	.004	
9.0	.126	.068	.028	.109	.059	.025	.075	.041	.018	.044	.024	.010	.014	.008	.003	
10.0	.121	.064	.026	.104	.055	.022	.072	.039	.016	.042	.023	.009	.014	.008	.003	

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: 10.0deg/s
 Temperature:25.2DEG
 Operators:ben
 Test Date:2018-01-29

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.351
 Humidity:45%
 Test Distance:2.451m [K=1.0000]
 Remarks:

UGR(Unified Glare Rating) Table

Test:U:119.9V I:0.1482A P:17.63W PF:0.9918 Lamp Flux:974.365x1 lm										
NAME: 1RP83LED					TYPE:N/A			WEIGHT:N/A		
SPEC.:N/A					DIM.: N/A			SERIAL No.:N/A		
MFR.:					SUR.:N/A			Shielding Angle:N/A		
ceiling/cavity	0.7	0.7	0.5	0.5	0.3	0.7	0.7	0.5	0.5	0.3
walls	0.5	0.3	0.5	0.3	0.3	0.5	0.3	0.5	0.3	0.3
working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Room dimensions	Viewed crosswise					Viewed endwise				
x = 2H y = 2H	40.6	42.1	40.8	42.3	42.5	40.9	42.4	41.1	42.6	42.8
3H	42.1	43.5	42.4	43.7	44.0	42.5	43.9	42.8	44.2	44.4
4H	42.7	44.1	43.0	44.3	44.6	43.3	44.6	43.6	44.9	45.1
6H	43.2	44.5	43.5	44.7	45.0	43.9	45.1	44.2	45.4	45.7
8H	43.4	44.6	43.7	44.9	45.2	44.1	45.3	44.5	45.6	45.9
12H	43.5	44.7	43.8	45.0	45.3	44.3	45.5	44.7	45.8	46.1
4H 2H	41.2	42.6	41.5	42.8	43.1	41.5	42.8	41.8	43.1	43.3
3H	43.0	44.1	43.3	44.4	44.8	43.3	44.5	43.7	44.8	45.1
4H	43.7	44.8	44.1	45.1	45.5	44.2	45.3	44.6	45.6	45.9
6H	44.3	45.3	44.7	45.7	46.0	45.0	45.9	45.4	46.3	46.7
8H	44.6	45.5	45.0	45.8	46.2	45.3	46.2	45.7	46.6	47.0
12H	44.7	45.6	45.2	46.0	46.4	45.6	46.4	46.0	46.8	47.2
8H 4H	44.1	45.0	44.5	45.3	45.7	44.5	45.4	44.9	45.8	46.2
6H	44.9	45.6	45.3	46.0	46.5	45.4	46.2	45.9	46.6	47.0
8H	45.2	45.9	45.7	46.3	46.8	45.9	46.5	46.3	47.0	47.4
12H	45.5	46.1	46.0	46.5	47.0	46.3	46.9	46.8	47.3	47.8
12H 4H	44.1	44.9	44.5	45.3	45.7	44.5	45.3	44.9	45.7	46.1
6H	45.0	45.6	45.4	46.1	46.5	45.5	46.2	46.0	46.6	47.1
8H	45.4	45.9	45.8	46.4	46.9	46.0	46.6	46.5	47.0	47.5
Variations with the observer position at spacings:										
S = 1.0H	+ 0.1 / - 0.2					+ 0.1 / - 0.2				
1.5H	+ 0.2 / - 0.3					+ 0.2 / - 0.3				
2.0H	+ 0.1 / - 0.3					+ 0.1 / - 0.3				

CIE Pub.117 Corrected 974.4 lm Total Lamp Luminous Flux.(8log(F/F0) = -0.1)

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: 10.0deg/s
 Temperature:25.2DEG
 Operators:ben
 Test Date:2018-01-29

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.351
 Humidity:45%
 Test Distance:2.451m [K=1.0000]
 Remarks:

UTILIZATION FACTORS TABLE

Test:U:119.9V I:0.1482A P:17.63W PF:0.9918 Lamp Flux:974.365x1 lm		
NAME: 1RP83LED	TYPE:N/A	WEIGHT:N/A
SPEC.:N/A	DIM.: N/A	SERIAL No.:N/A
MFR.:	SUR.:N/A	Shielding Angle:N/A

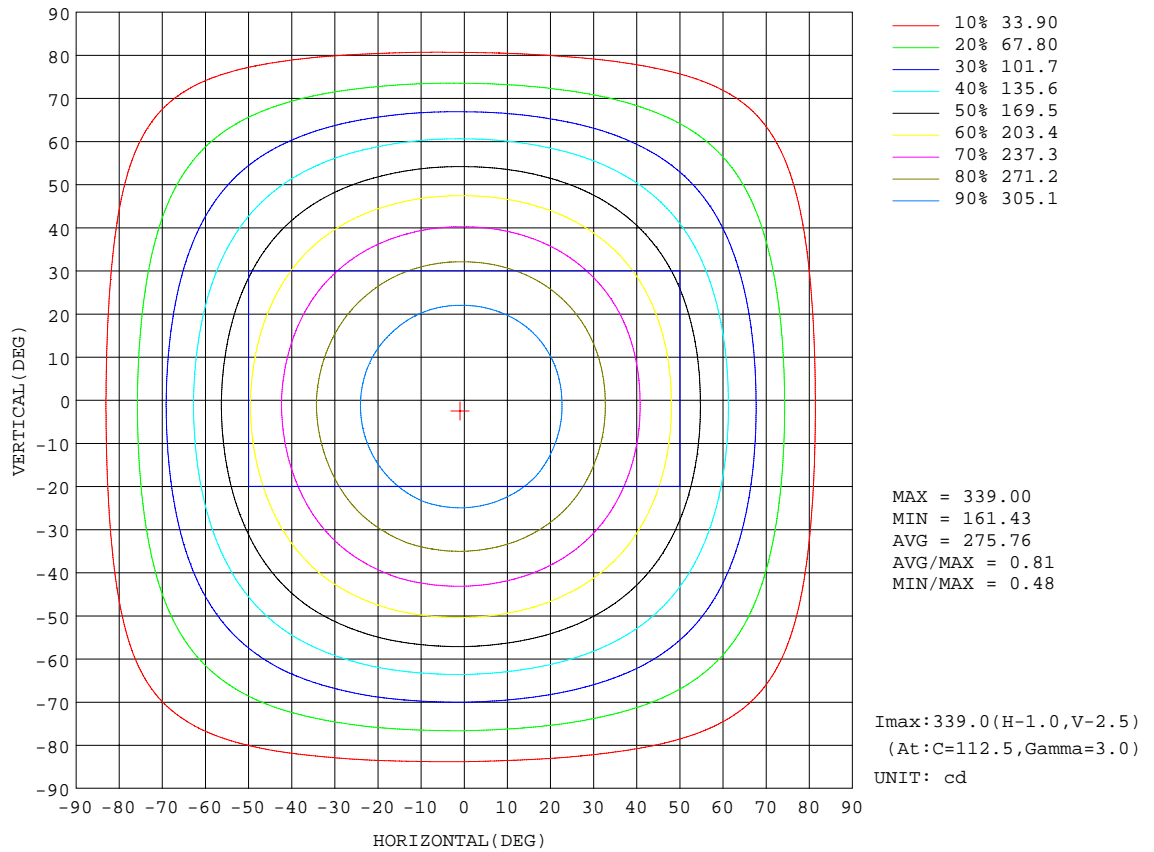
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
k = 0.60	57	45	38	56	45	38	55	45	38	32
0.80	67	55	48	66	55	48	64	54	47	40
1.00	75	64	57	74	64	57	72	65	56	49
1.25	82	72	65	81	71	64	78	70	63	56
1.50	87	77	70	86	76	70	83	75	69	61
2.00	94	86	79	92	84	78	89	82	77	69
2.50	98	90	84	96	89	83	92	86	81	73
3.00	102	95	89	99	93	88	95	90	86	77
4.00	106	100	95	103	98	94	99	95	91	82
5.00	108	103	99	106	101	97	101	97	94	85
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004			Suspended				SHRNOM = 1.25			

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: 10.0deg/s
 Temperature:25.2DEG
 Operators:ben
 Test Date:2018-01-29

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.351
 Humidity:45%
 Test Distance:2.451m [K=1.0000]
 Remarks:

ISOCANDELA DIAGRAM

Test:U:119.9V I:0.1482A P:17.63W PF:0.9918 Lamp Flux:974.365x1 lm		
NAME: 1RP83LED	TYPE:N/A	WEIGHT:N/A
SPEC.:N/A	DIM.: N/A	SERIAL No.:N/A
MFR.:	SUR.:N/A	Shielding Angle:N/A

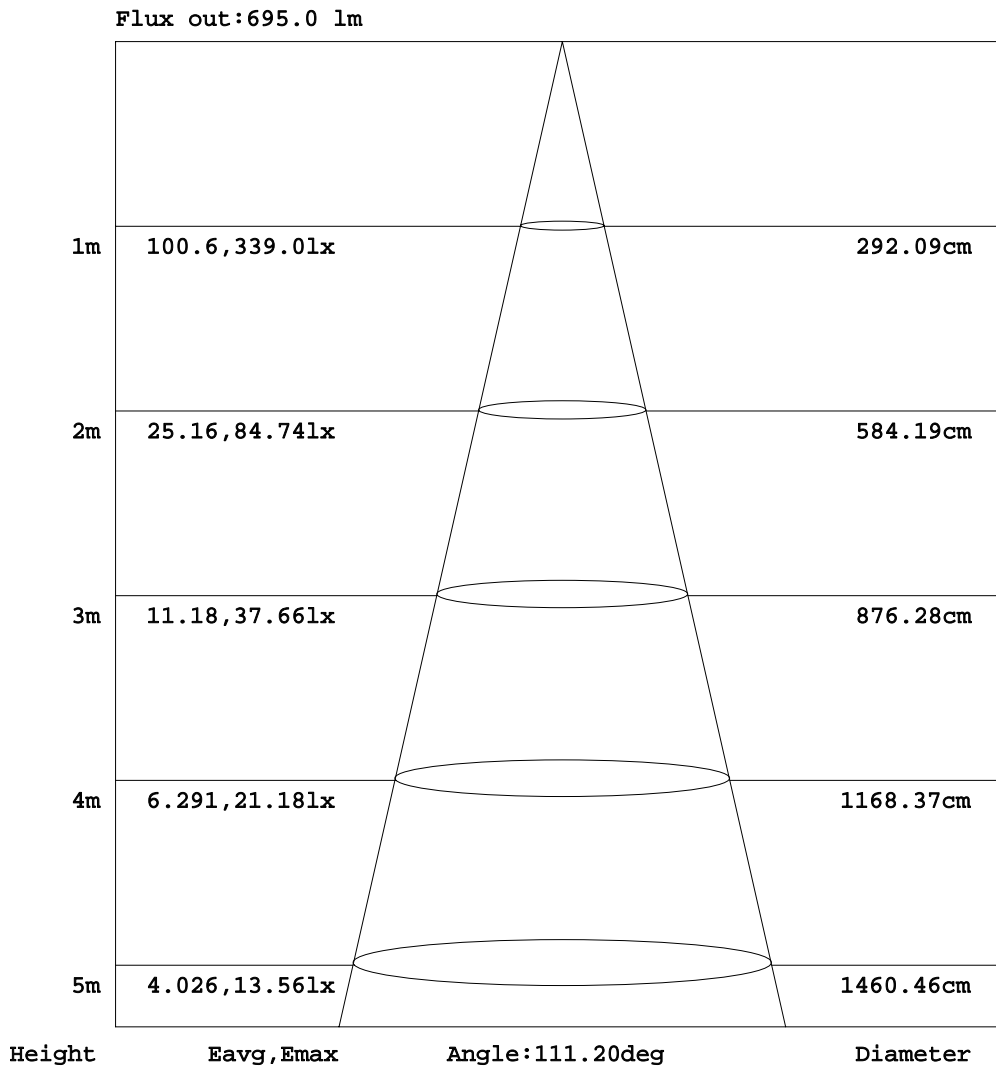


C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: 10.0deg/s
 Temperature: 25.2DEG
 Operators: ben
 Test Date: 2018-01-29

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-R5000_V2 SYSTEM V2.0.351
 Humidity: 45%
 Test Distance: 2.451m [K=1.0000]
 Remarks:

AAI Figure

Test:U:119.9V I:0.1482A P:17.63W PF:0.9918 Lamp Flux:974.365x1 lm		
NAME: 1RP83LED	TYPE:N/A	WEIGHT:N/A
SPEC.:N/A	DIM.: N/A	SERIAL No.:N/A
MFR.:	SUR.:N/A	Shielding Angle:N/A



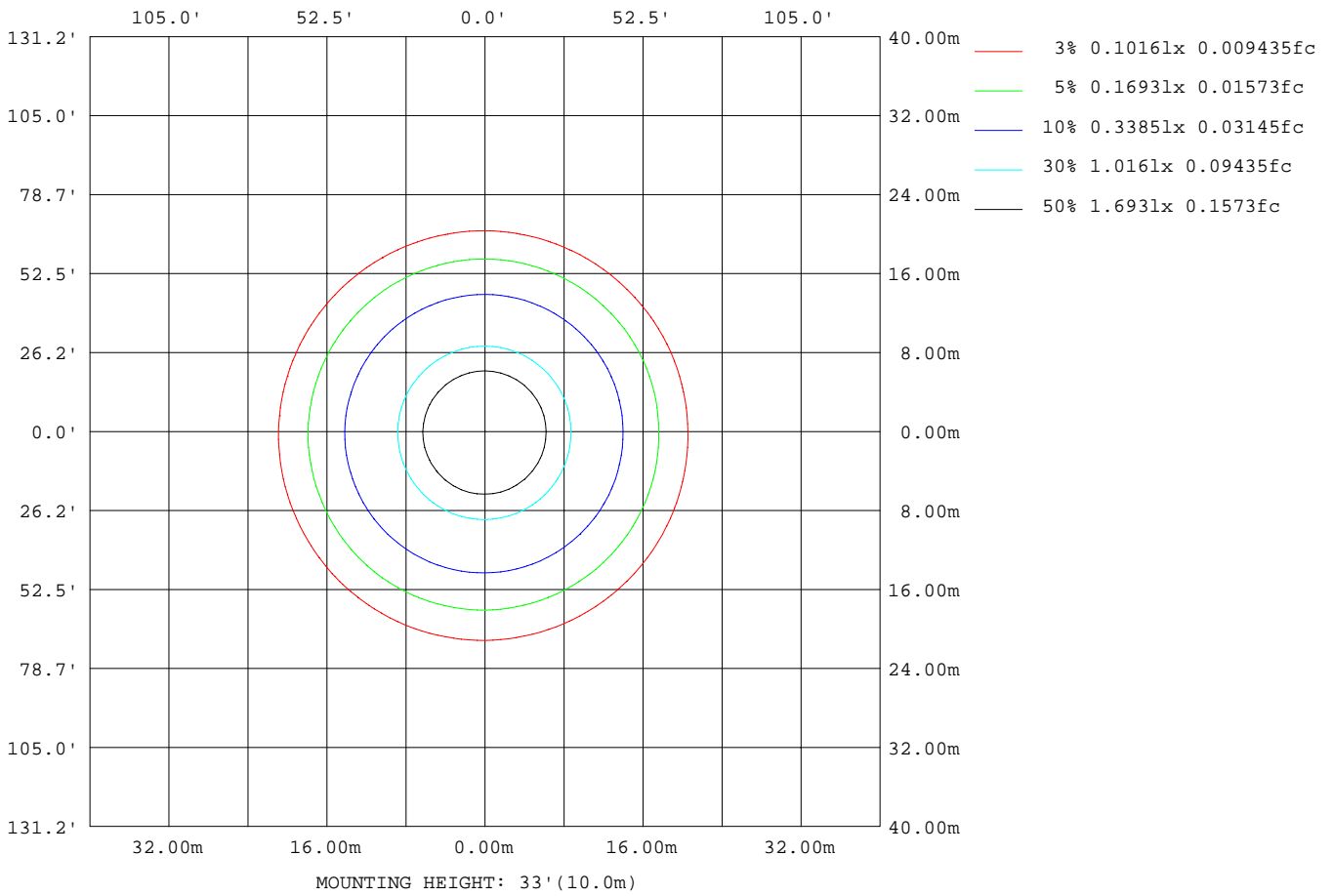
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: 10.0deg/s
 Temperature:25.2DEG
 Operators:ben
 Test Date:2018-01-29

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.351
 Humidity:45%
 Test Distance:2.451m [K=1.0000]
 Remarks:

ISOLUX DIAGRAM

Test:U:119.9V I:0.1482A P:17.63W PF:0.9918 Lamp Flux:974.365x1 lm		
NAME:1RP83LED	TYPE:N/A	WEIGHT:N/A
SPEC.:N/A	DIM.: N/A	SERIAL No.:N/A
MFR.:	SUR.:N/A	Shielding Angle:N/A



C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: 10.0deg/s
 Temperature:25.2DEG
 Operators:ben
 Test Date:2018-01-29

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.351
 Humidity:45%
 Test Distance:2.451m [K=1.0000]
 Remarks:

LED Avg.L Report

Test:U:119.9V I:0.1482A P:17.63W PF:0.9918 Lamp Flux:974.365x1 lm		
NAME: 1RP83LED	TYPE:N/A	WEIGHT:N/A
SPEC.:N/A	DIM.: N/A	SERIAL No.:N/A
MFR.:	SUR.:N/A	Shielding Angle:N/A

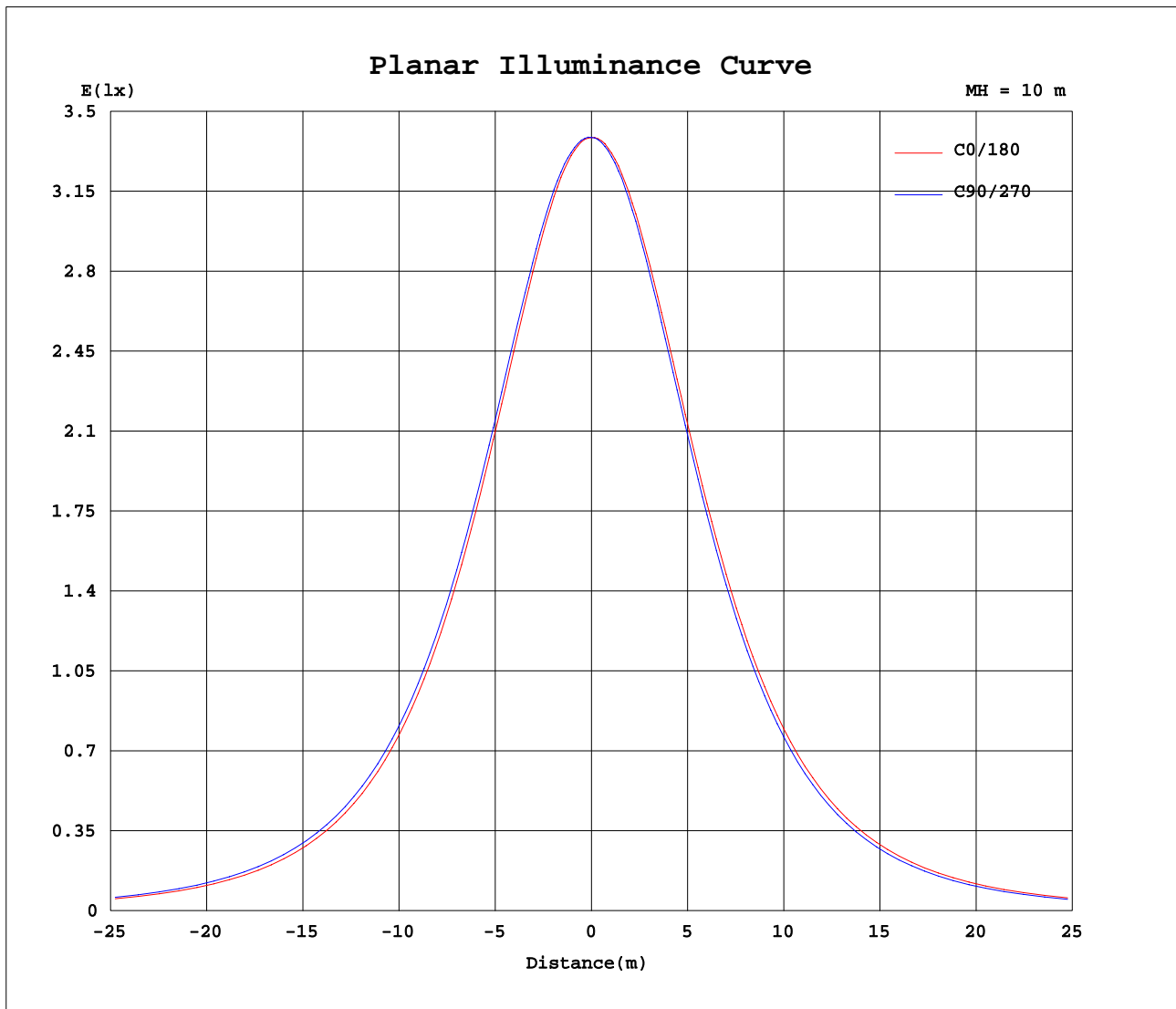
AvgL	cd/m2
L_0~180(65)av	2826694
L_0~180(75)av	2624906
L_0~180(85)av	2653538
L_90~270(65)av	2839093
L_90~270(75)av	2634035
L_90~270(85)av	2670099
L_45(65)av	2834616
L_45(75)av	2630342
L_45(85)av	2657616

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: 10.0deg/s
 Temperature:25.2DEG
 Operators:ben
 Test Date:2018-01-29

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.351
 Humidity:45%
 Test Distance:2.451m [K=1.0000]
 Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: 10.0deg/s
 Temperature: 25.2DEG
 Operators: ben
 Test Date: 2018-01-29

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-R5000_V2 SYSTEM V2.0.351
 Humidity: 45%
 Test Distance: 2.451m [K=1.0000]
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:119.9V I:0.1482A P:17.63W PF:0.9918 Lamp Flux:974.365x1 lm		
NAME: 1RP83LED	TYPE:N/A	WEIGHT:N/A
SPEC.:N/A	DIM.: N/A	SERIAL No.:N/A
MFR.:	SUR.:N/A	Shielding Angle:N/A

Table--1

UNIT: cd

C(DEG) γ (DEG)	0	22.5	45	67.5	90	112.5	135	157.5	180	202.5	225	247.5	270	292.5	315	337.5			
0	339	339	339	339	339	339	339	339	339	339	339	339	339	339	339	339			
5	337	337	338	338	338	338	338	338	338	337	337	337	337	336	336	336			
10	332	332	334	334	335	335	334	334	334	333	332	332	331	331	331	331			
15	324	324	326	327	328	328	328	327	327	325	324	323	323	322	323	323			
20	312	314	316	317	318	318	318	317	316	314	313	311	311	310	311	312			
25	298	300	302	304	305	306	305	303	303	300	298	297	296	296	297	297			
30	281	283	286	288	290	290	289	288	286	284	282	280	279	279	280	280			
35	262	264	267	270	271	273	272	269	268	265	262	261	260	260	260	261			
40	241	243	246	249	251	252	251	249	248	244	241	239	238	238	239	240			
45	218	220	224	227	229	230	229	226	225	221	218	217	215	215	216	217			
50	194	196	200	203	205	207	206	203	201	197	194	192	191	191	191	193			
55	168	171	175	178	180	181	181	178	176	172	169	167	165	165	166	168			
60	142	145	149	152	155	156	155	152	150	146	143	140	139	139	140	141			
65	116	119	123	126	128	129	128	125	123	119	116	113	112	111	112	114			
70	89.5	93.0	96.6	99.7	102	103	102	99.0	97.0	93.3	89.9	87.2	85.5	85.1	85.9	88.0			
75	64.2	67.6	71.1	74.2	76.1	76.8	75.8	73.3	71.7	68.1	64.7	61.9	60.2	59.8	60.7	62.7			
80	39.9	43.3	46.6	49.5	51.4	51.9	51.0	48.6	47.6	44.3	41.0	38.4	36.7	36.2	37.0	39.0			
85	20.1	22.7	25.4	27.6	29.1	29.5	28.7	27.0	26.1	23.4	20.9	18.8	17.5	17.1	17.7	19.2			
90	6.91	8.70	10.4	11.7	12.6	12.8	12.3	11.1	11.0	9.18	7.66	6.32	5.41	5.11	5.39	6.25			
95	0.99	1.51	2.16	2.78	3.16	3.26	3.01	2.54	2.37	1.69	1.14	0.80	0.56	0.42	0.48	0.76			
100	0.09	0.14	0.19	0.21	0.19	0.12	0.09	0.09	0.06	0.06	0.06	0.05	0.05	0.05	0.05	0.05			
105	0.10	0.10	0.10	0.10	0.10	0.10	0.09	0.10	0.10	0.06	0.06	0.06	0.07	0.07	0.07	0.07			
110	0.11	0.11	0.11	0.10	0.10	0.10	0.10	0.11	0.07	0.08	0.08	0.08	0.08	0.08	0.08	0.08			
115	0.12	0.12	0.11	0.11	0.11	0.11	0.11	0.11	0.09	0.09	0.10	0.10	0.10	0.10	0.10	0.10			
120	0.13	0.13	0.12	0.12	0.12	0.12	0.12	0.12	0.11	0.12	0.12	0.12	0.12	0.13	0.12	0.12			
125	0.15	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.13	0.14	0.14	0.14	0.14	0.15	0.14	0.14			
130	0.17	0.17	0.17	0.17	0.17	0.16	0.17	0.17	0.15	0.16	0.16	0.16	0.16	0.16	0.16	0.16			
135	0.21	0.21	0.20	0.20	0.20	0.20	0.20	0.21	0.17	0.18	0.18	0.18	0.18	0.18	0.18	0.18			
140	0.26	0.26	0.25	0.25	0.25	0.25	0.25	0.26	0.20	0.20	0.20	0.20	0.21	0.21	0.21	0.21			
145	0.33	0.33	0.33	0.33	0.33	0.33	0.33	0.33	0.22	0.22	0.22	0.22	0.23	0.23	0.23	0.23			
150	0.41	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.24	0.24	0.24	0.24	0.25	0.25	0.25	0.25			
155	0.46	0.46	0.46	0.46	0.46	0.46	0.46	0.46	0.27	0.27	0.28	0.28	0.28	0.28	0.28	0.28			
160	0.51	0.51	0.51	0.51	0.51	0.51	0.51	0.51	0.29	0.29	0.29	0.29	0.30	0.30	0.30	0.30			
165	0.51	0.51	0.51	0.51	0.51	0.51	0.51	0.51	0.31	0.31	0.31	0.31	0.31	0.31	0.31	0.31			
170	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.32	0.32	0.32	0.32	0.32	0.32	0.32	0.32			
175	0.46	0.46	0.46	0.46	0.46	0.46	0.46	0.47	0.36	0.36	0.36	0.36	0.36	0.36	0.36	0.36			
180	0.41	0.41	0.41	0.41	0.41	0.41	0.41	0.41	0.41	0.41	0.41	0.42	0.42	0.41	0.41	0.41			

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